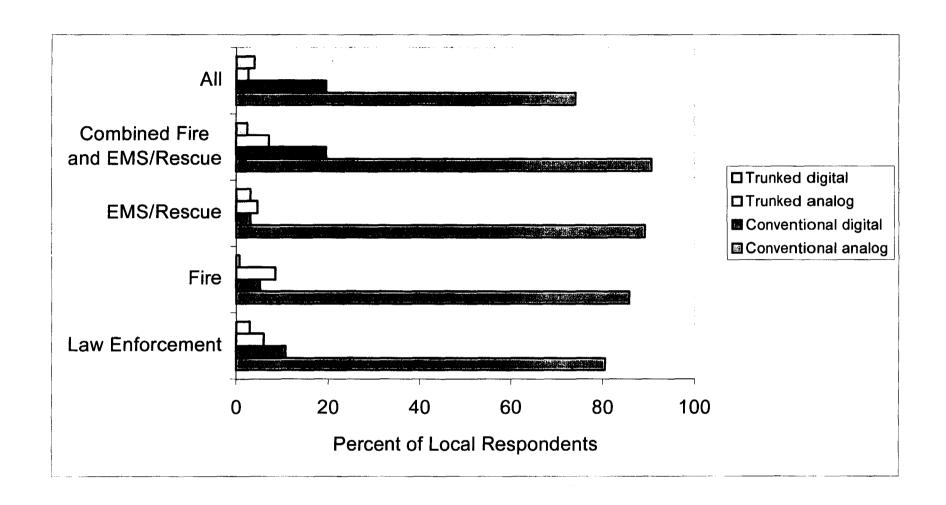
APPENDIX A: ADDITIONAL BACKGROUND ON LOCAL AGENCIES' GENERAL SYSTEMS INFORMATION

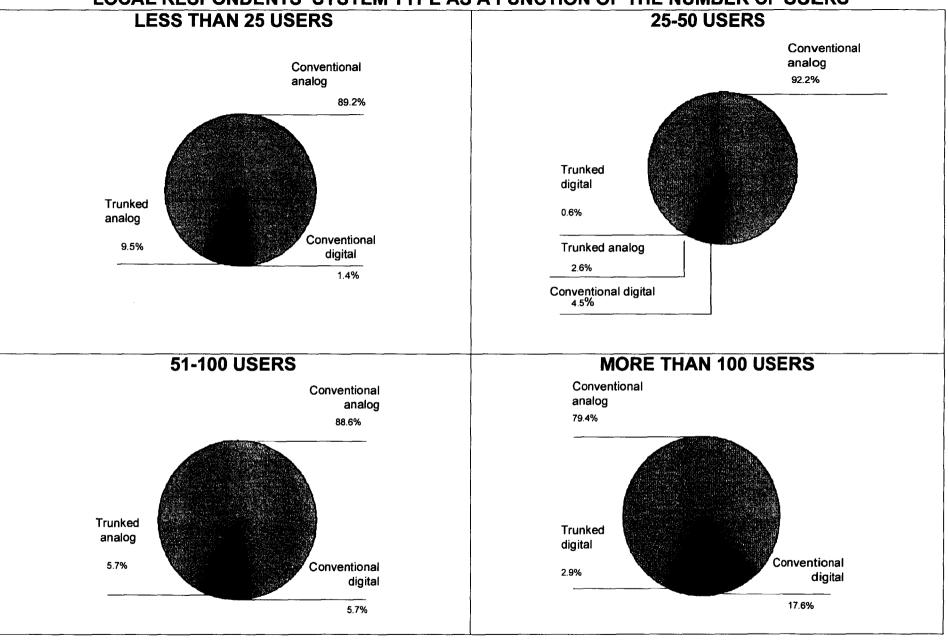
THIS SECTION PROVIDES ADDITIONAL BACKGROUND ON THE LOCAL AGENCIES' GENERAL SYSTEM INFORMATION

- The following comparison charts and graphs are presented:
 - System type distribution by local agency mission
 - System type as a function of the number of users
 - Operating frequency by local agency mission
 - Operating frequency by geographic region
 - Operating frequency by jurisdiction size
 - Analyses of sharing by survey bin
 - Types of communications supported by local agency mission
 - Number of Mobile Data Computers and Mobile Data Terminals for responding local agencies that support data and paging

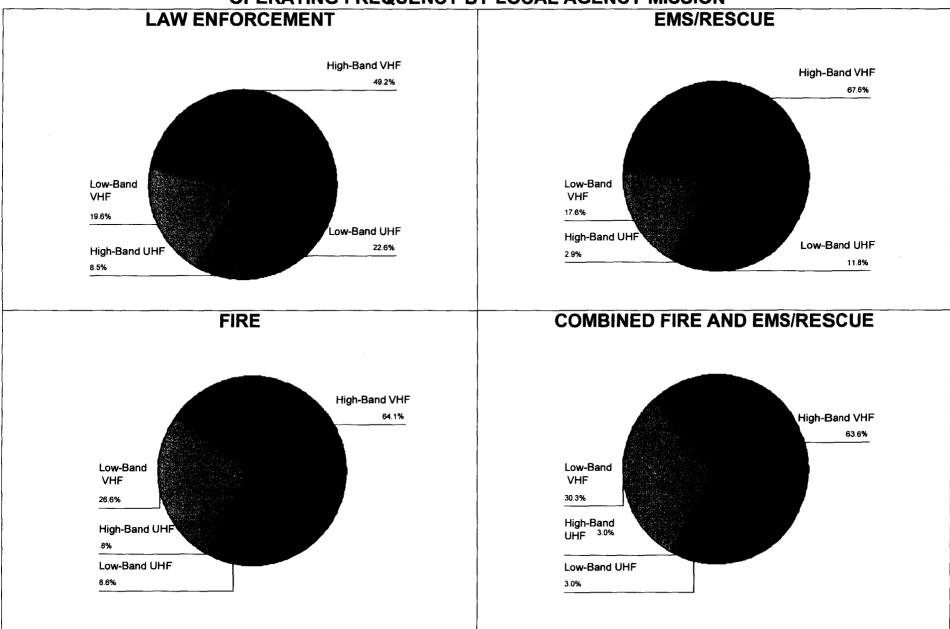
SYSTEM TYPE DISTRIBUTION BY LOCAL AGENCY MISSION



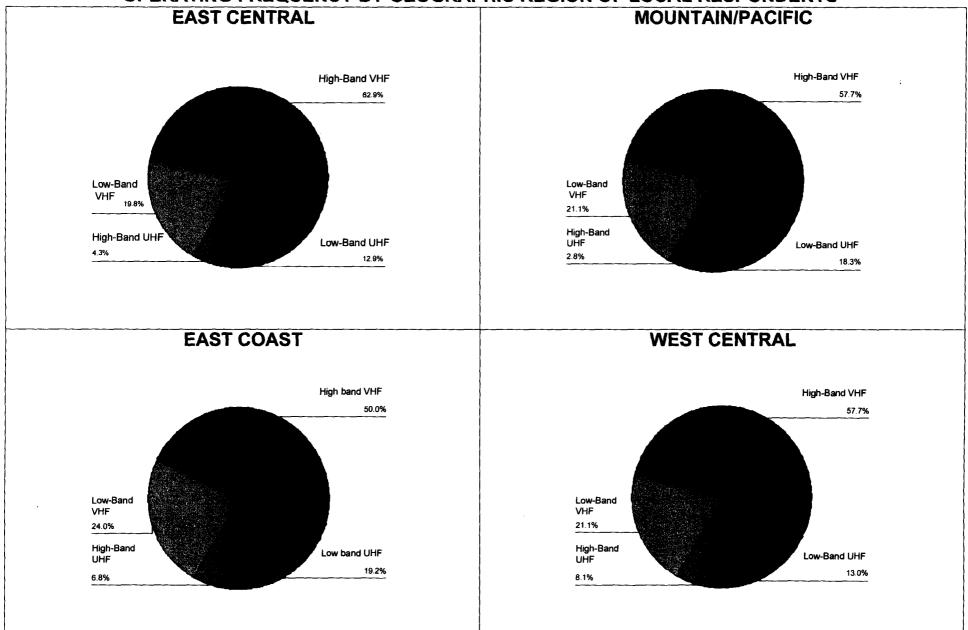
LOCAL RESPONDENTS' SYSTEM TYPE AS A FUNCTION OF THE NUMBER OF USERS



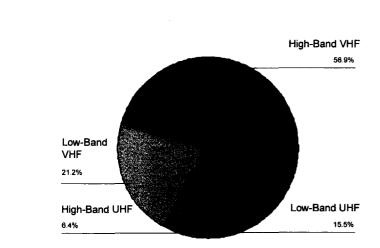
OPERATING FREQUENCY BY LOCAL AGENCY MISSION



OPERATING FREQUENCY BY GEOGRAPHIC REGION OF LOCAL RESPONDENTS

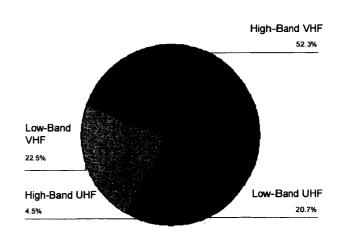


OPERATING FREQUENCY BY JURISDICTION SIZE OF LOCAL RESPONDENTS

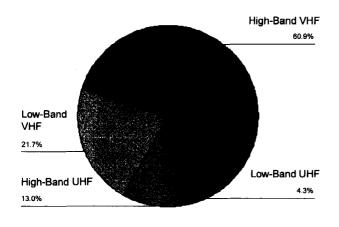


LESS THAN 100 SQUARE MILES

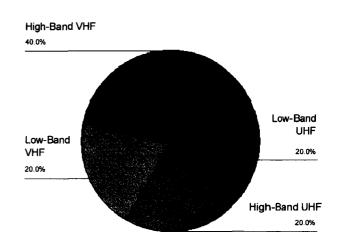




1,001-10,000 SQUARE MILES



GREATER THAN 10,000 SQUARE MILES



ANALYSIS OF SHARING BY SURVEY BINS A AND B*

Bin	Sh	are		are			lf Ind	licate With W	hom They Sh	are		
	Yes	No	Indicate With Whom	Do Not Indicate With	Share with	Share with	Incomplete	Numbe	r of Agencies V	Vith Which The	y Share	Incomplete
			VVIIOIII	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
A1	6	5	6	0	6	0	0	3	2	0	1	0
A2	15	9	14	1	14	0	0	8	2	0	1	3
A3	17	8	16	1	15	0	1	6	2	0	0	8
A4	9	4	7	2	6	0	1	0	3	0	0	4
A5	4	1	4	0	4	0	0	4	0	0	0	О
A6	4	2	4	0	4	0	0	1	1	0	0	2
A7	1	3	1	0	1	0	0	0	0	0	0	1
Total	56	32	52	4	50	0	2	22	10	0	2	18

Bin	Sh			are			If Inc	dicate With W	hom They Sh	are	All	_
	Yes	No	Indicate With Whom	Do Not Indicate With	Share with	Share with	Incomplete	Numbe	r of Agencies V	Vith Which The	ey Share	Incomplete
			Whom	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
B1	0	0	0	0	0	0	0	0	0	0	0	0
B2	1	1	1	0	1	0	0	1	0	0	0	0
В3	2	2	2	0	2	0	0	2	0	0	0	0
B4	3	5	3	0	3	0	0	0	0	0 .	2	1
B5	3	1	2	1	1	0	11	1	0	0	0	1
B6	4	0	4	0	4	0	0	3	0	0	0	1
B7	0	0	0	0	0	0	0	0	0	0	0	0
Total	13	9	12	1	11	0	1	7	0	0	2	3

ANALYSIS OF SHARING BY SURVEY BINS C AND D*

Bin	Sh	are		are			If Ind	licate With W	hom They Sh	are		
	Yes	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete	Numbe	r of Agencies \	With Which The	ey Share	incomplete
			vvnom	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
C1	7	0	6	1	6	0	0	5	0	0	1	0
C2	23	9	22	1	22	0	0	8	0	3	1	10
C3	16	5	14	2	12	0	2	7	0	0	0	7
C4	9	1	9	0	8	0	1	3	0	0	1	5
C5	1	0	1	0	1	0	0	0	0	0	0	1
C6	0	0	0	0	0	0	0	0	0	0	0	0
C7	0	0	0	0	0	0	0	0	0	0	0	0
Total	56	15	52	4	49	0	3	23	0	3	3	23

Bin	Sh	are	lf Sh	are			If Inc	dicate With W	hom They Sh	are		
	Yes	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete	Numbe	r of Agencies V	Vith Which The	ey Share	Incomplete
			Whom	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
D1	5	2	5	0	5	0	0	3	0	0	0	2
D2	4	1	4	0	4	0	0	1	0	0	0	3
D3	0	2	0	0	0	0	0	0	0	0	0	0
D4	2	4	2	0	2	0	0	1	0	0	0	1
D5	2	0	2	0	2	0	0	2	0	0	0	0
D6	3	0	2	1	2	0	0	2	0	0	0	0
D7	0	0	0	0	0	0	0	0	0	0	0	0
Total	16	9	15	1	15	0	0	9	0	0	0	6

ANALYSIS OF SHARING BY SURVEY BINS E AND F*

Bin	Sh	are	If Sh	are			If Ind	icate With W	hom They Sh	are	-	
	Yes	No	Indicate With Whom	Do Not Indicate With	Share with Local	Share with State	Incomplete Data	Numbe	r of Agencies V	Vith Which The	y Share	Incomplete Data
			VVIIOIII	Whom	LUCAI	State	Data	1-5	6-10	10-15	>15	Data
E1	3	3	3	0	3	0	0	2	0	0	0	1
E2	4	8	4	0	4	0	0	3	0	0	0	1
E3	3	8	3	0	2	0	1	2	0	0	0	1
E4	0	0	0	0	0	0	0	0	0	0	0	0
E5	2	1	1	1	1	0	0	11	0	0	0	0
E6	0	0	0	0	0	0	0	0	0	0	0	0
E7	1	1	1	0	0	0	1	0	0	0	0	1
Total	13	21	12	1	10	0	2	8	0	0	0	4

Bin	Sh	are	If Sh	are			If Inc	licate With W	hom They Sh	are		
	Yes	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete	Numbe	r of Agencies V	Vith Which The	y Share	Incomplete
			Whom	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
F1	6	5	5	1	5	0	0	2	1	0	0	2
F2	14	4	13	1	13	0	0	3	2	1	1	6
F3	6	2	5	1	4	0	1	4	0	0	1	0
F4	8	1	7	1	6	1	0	4	1	0	0	2
F5	3	1	3	0	2	0	1	1	2	0	0	0
F6	0	0	0	0	0	0	0	0	0	0	0	0
F7	0	0	0	0	0	0	0	0	0	0	0	0
Total	37	13	33	4	30	1	2	14	6	1	2	10

ANALYSIS OF SHARING BY SURVEY BINS G AND H*

Bin	Sh	are	If Sh	are			If Ind	icate With W	hom They Sh	are		
	Yes	No	Indicate With Whom	Do Not Indicate With	Share with	Share with	Incomplete	Numbe	r of Agencies V	Vith Which The	y Share	Incomplete
			vvnom	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
G1	3	1	2	1	2	0	0	2	0	0	0	0
G2	13	8	12	11	10	0	2	4	2	0	1	5
G3	14	6	12	2	12	0	0	9	1	1	0	1
G4	7	2	7	0	6	0	1	2	1	0	0	4
G5	5	0	5	0	5	0	0	2	1	0	0	2
G6	0	1	0	0	0	0	0	0	0	0	0	0
G7	2	0	2	0	2	0	0	2	0	0	0	0
Total	44	18	40	4	37	0	3	21	5	1	1	12

Bin	Sh	are	lf Sh	are			If Inc	licate With W	hom They Sh	are		
	Yes	No	Indicate With Whom	indicate with	Share with Local	Share with State	Incomplete Data	Numbe	er of Agencies \	With Which Th	ey Share	Incomplete Data
			Wildin	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
H1	5	1	5	0	5	0	0	2	0	0	2	1
H2	7	5	5	2	4	0	1	4	0	0	0	1
Н3	10	3	10	0	10	0	0	3	0	2	1	4
H4	5	1	5	0	4	0	1	1	1	0	1	2
H5	1	1	1	0	1	0	0	1	0	0	0	0
H6	5	0	5	0	5	0	0	3	0	0	0	2
H7	0	0	0	0	0	0	0	0	0	0	0	0
Total	33	11	31	2	29	0	2	14	1	2	4	10

ANALYSIS OF SHARING BY SURVEY BINS I AND J*

Bin	Sh	are	If Sh	are			if inc	licate With W	hom They Sha	are		
	Yes	No	Indicate With Whom	indicate with	Share with Local	Share with State	Incomplete Data	Numbe	r of Agencies V	Vith Which The	ey Share	Incomplete Data
			VVIIOIII	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
11	7	2	6	1	5	0	1	4	2	0	0	0
12	3	0	3	0	3	0	0	2	1	0	0	0_
13	2	1	2	0	2	0	0	1	0	0	0	1
14	7	5	5	2	5	0	0	2	0	2	0	1
15	1	1	_1	0	0	0	1	0	0	0	1	0
16	1	0	1	0	1	0	0	0	0	1	0	0
17	0	3	0	0	0	0	0	0	0	0	0	0
Total	21	12	18	3	16	0	2	9	3	3	1	2

Bin	Sh	are	lf Sh	are			If Inc	dicate With W	hom They Sh	are		
	Yes	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete	Numbe	r of Agencies V	Vith Which The	ey Share	Incomplete
	<u> </u>		Whom	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
J1	0	0	0	0	0	0	0	0	0	0	0	0
J2	0	0	0	0	0	0	0	0	0	0	0	0
J3	3	0	3	0	3	0	0	1	1	0	0	1
J4	6	4	6	0	6	0	0	1	0	0	2	3
J5	15	4	15	0	15	0	0	10	1	1	0	3
J6	12	6	11	1	11	0	0	7	0	1	0	3
J7	4	1	4	0	4	0	0	1	1	0	0	2
Total	40	15	39	1	39	0	0	20	3	2	2	12

ANALYSIS OF SHARING BY SURVEY BINS K AND L*

Bin	Sh	are	lf Sh	аге			If Inc	licate With W	hom They Sh	are		
	Yes	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete	Numbe	r of Agencies V	Vith Which The	y Share	Incomplete
			Whom	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
K1	0	0	0	0	0	0	0	0	0	0	0	0
K2	0	0	0	0	0	0	0	0	0	0	0	0
K 3	0	0	0	0	0	0	0	0	0	0	0	0
K4	2	4	2	0	2	0	0	2	0	0	0	0
K5	5	10	5	0	5	0	0	3	0	0	1	1
K6	13	5	13	0	13	0	0	7	0	1	1	4
K 7	2	0	2	0	2	0	0	2	0	0	0	0
Total	22	19	22	0	22	0	0	14	0	1	2	5

Bin	Sh	are	lf Sh	are			lf Inc	licate With W	hom They Sh	are		
	Yes	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete	Numbe	r of Agencies V	Vith Which The	ey Share	Incomplete
			Whom	Whom	Local	State	Data	1-5	6-10	10-15	>15	Data
L1	0	0	0	0	0	0	0	0	0	0	0	0
L2	0	0	0	0	0	0	0	0	0	0	0	0
L3	3	3	3	0	3	0	0	1	0	0	1	1
L4	8	1	7	1	6	0	0	1	0	0	1	5
L5	4	2	3	1	3	0	1	1	0	0	1	1
L6	4	0	4	0	4	0	0	3	0	0	0	1
L7	0	0	0	0	0	0	0	0	0	0	0	0
Total	19	6	17	2	16	0	1	6	0	0	3	8

^{*}Note: See PSWN program LMR Replacement Cost Study Methodology Report for a detailed explanation of the survey bin classifications.

ANALYSIS OF SHARING BY SURVEY BINS M AND N*

Bin	Share		If Share		If Indicate With Whom They Share								
	Yes	No	Indicate With Whom	Do Not Indicate With	Share with Local	Share with State	Incomplete Data	Numbe	r of Agencies V	Vith Which The	y Share	Incomplete	
			Whom	Whom	LOCAI	State		1-5	6-10	10-15	>15	Data	
M1	0	0	0	0	0	0	0	0	0	0	0	0	
M2	0	0	0	0	0	0	0	0	0	0	0	0	
M3	4	1	4	0	4	0	0	3	1	0	0	0	
M4	2	2	2	0	2	0	0	2	0	0	0	0	
M 5	5	3	5	0	5	0	0	3	1	0	1	0	
М6	7	5	7	0	7	0	0	4	0	0	0	3	
M7	10	1	10	0	8	0	2	3	4	1	0	2	
Total	28	12	28	0	26	0	2	15	6	1	1	5	

Bin	Share		If Share		If Indicate With Whom They Share								
	Yes No	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete Data	Numbe	ey Share	Incomplete			
			Whom	Whom	Local	State		1-5	6-10	10-15	>15	Data	
N 1	0	0	0	0	0	0	0	0	0	0	0	0	
N2	0	0	0	0	0	0	0	0	0	0	0	0	
N3	2	1	2	0	2	0	0	0	0	0	0	2	
N4	3	0	3	0	3	0	0	3	0	0	0	0	
N5	8	4	8	0	7	0	1	4	0	0	2	2	
N6	2	2	1	1	0	0	1	0	0	0	0	1	
N7	2	2	2	0	2	0	0	2	0	0	0	0	
Total	17	9	16	1	14	0	2	9	0	0	2	5	

ANALYSIS OF SHARING BY SURVEY BINS O AND P*

Bin	Share		If Share		If Indicate With Whom They Share								
	Yes	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete Data	Numbe	Number of Agencies With Which They Share				
			Whom	Whom	Local	State		1-5	6-10	10-15	>15	Data	
01	0	0	0	0	0	0	0	0	0	0	0	0	
O2	0	0	0	0	0	0	0	0	0	0	0	0	
O3	3	1	3	0	3	0	0	2	0	0	o	1	
04	6	2	5	1	5	0	0	2	1	0	0	2	
O5	3	0	2	1	2	0	0	2	0	0	0	0	
O6	1	2	1	0	1	0	0	0	0	0	0	1	
07	2	0	1	1	1	0	0	1	0	0	0	0	
Total	15	5	12	3	12	0	0	7	1	0	0	4	

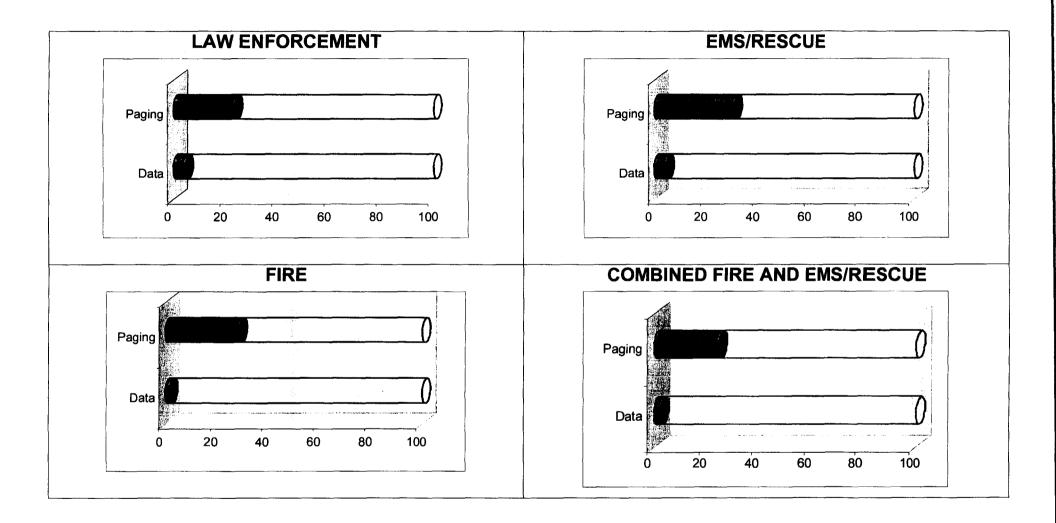
Bin	Share		If Share		If Indicate With Whom They Share								
	Yes No	No		Do Not Indicate With	Share with Local	Share with State	Incomplete Data	Numbe	y Share	Incomplete			
								1-5	6-10	10-15	>15	Data	
P1	0	0	0	0	0	0	0	0	0	0	0	0	
P2	0	0	0	0	0	0	0	0	0	0	0	0	
P3	1	1	1	0	1	0	0	0	0	0	0	1	
P4	7	4	7	0	7	0	0	4	2	0	0	1	
P5	10	4	8	2	8	0	0	3	0	0	1	4	
P6	6	3	6	0	6	0	0	4	0	1	0_	1	
P7	3	0	3	0	3	0	0	2	0	0	0	1	
Total	27	12	25	2	25	0	0	13	2	1	1	8	

ANALYSIS OF SHARING BY SURVEY BINS Q AND R*

Bin	Share		If Share		If Indicate With Whom They Share								
	Yes	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete Data	Numbe	Incomplete				
			Whom	Whom	Local	State		1-5	6-10	10-15	>15	Data	
Q1	0	0	0	0	0	0	0	0	0	0	0	0	
Q2	0	0	0	0	0	0	0	0	0	0	0	0	
Q3	0	0	0	0	0	0	0	0_	0	0	0	0	
Q4	3	4	3	0	3	0	0	2	0	0	0	1	
Q5	11	10	9	2	9	0	0	2	2	0	0	5	
Q6	17	12	17	0	17	0	0	12	2	0	0	3	
Q7	20	5	19	1	18	0	1	10	4	0	1	4	
Total	51	31	48	3	47	0	1	26	8	0	1	13	

Bin	Share		If Share		If Indicate With Whom They Share							
	Yes	No	Indicate With	Do Not Indicate With	Share with	Share with	Incomplete Data	Numbe	r of Agencies \	With Which The	y Share	Incomplete
	ļ		Whom	Whom	Local	State		1-5	6-10	10-15	>15	Data
R1	0	0	0	0	0	0	0	0	0	0	0	0
R2	0	0	0	0	0	0	0	0	0	0	_ 0	0
R3	0	0	0	0	0	0	0	0	0	0	0	0
R4	2	1	2	0	2	0	0	1	0	0	0	1
R5	4	6	4	0	4	0	0	2	1	0	0	1
R6	32	1	32	0	32	0	0	16	5	4	0	7
R7	6	2	6	0	6	0	0	3	1	0	0	2
Total	44	10	44	0	44	0	0	22	7	4	0	11

TYPES OF COMMUNICATIONS SUPPORTED BY LOCAL AGENCY MISSION



TOTAL NUMBER OF MOBILE DATA TERMINALS AND MOBILE DATA COMPUTERS FOR RESPONDING LOCAL AGENCIES THAT SUPPORT DATA

Number of Users	Total Number of Responding Local Agencies	Percent That Support Data	Of Those That Support Data, Total Number of MDTs	Of Those That Support Data, Total Number of MDCs
Less than 25	316	1.3	6	0
25-50	269	3.0	25	9
51-100	108	4.6	54	1
Greater than 100	90	18.9	1,249	194

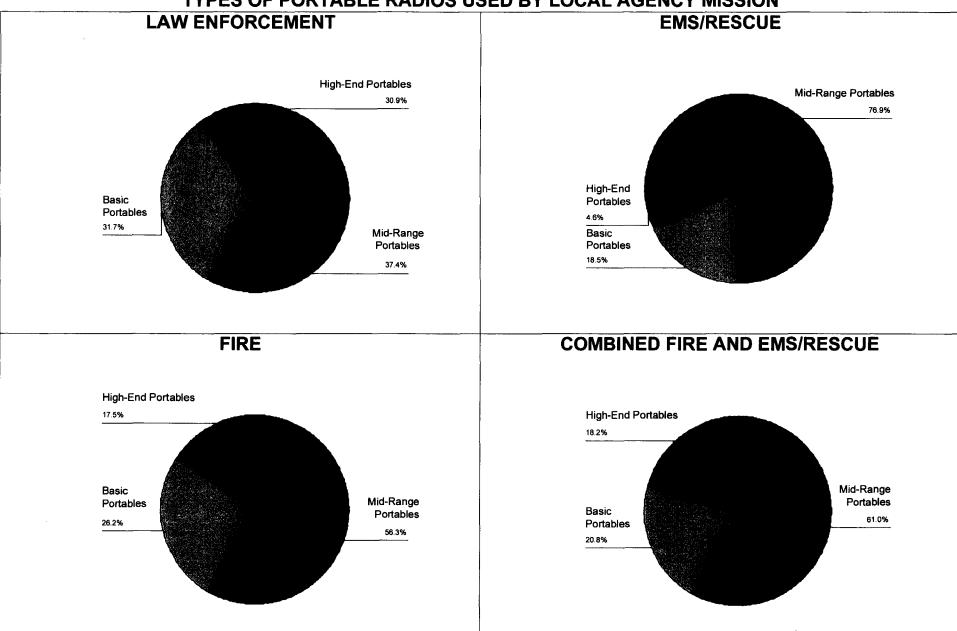
Local Public Safety Mission Type	Total Number of Responding Local Agencies	Percent That Support Data	Of Those That Support Data, Total Number of MDTs	Of Those That Support Data, Total Number of MDCs
Law Enforcement	307	4.6	953	80
Fire	272	1.8	10	6
EMS/Rescue	65	4.6	7	0
Combined Fire and EMS/Rescue	85	2.4	1	1
All	77	13.0	363	117

APPENDIX B: ADDITIONAL BACKGROUND ON LOCAL AGENCIES' USER EQUIPMENT INFORMATION

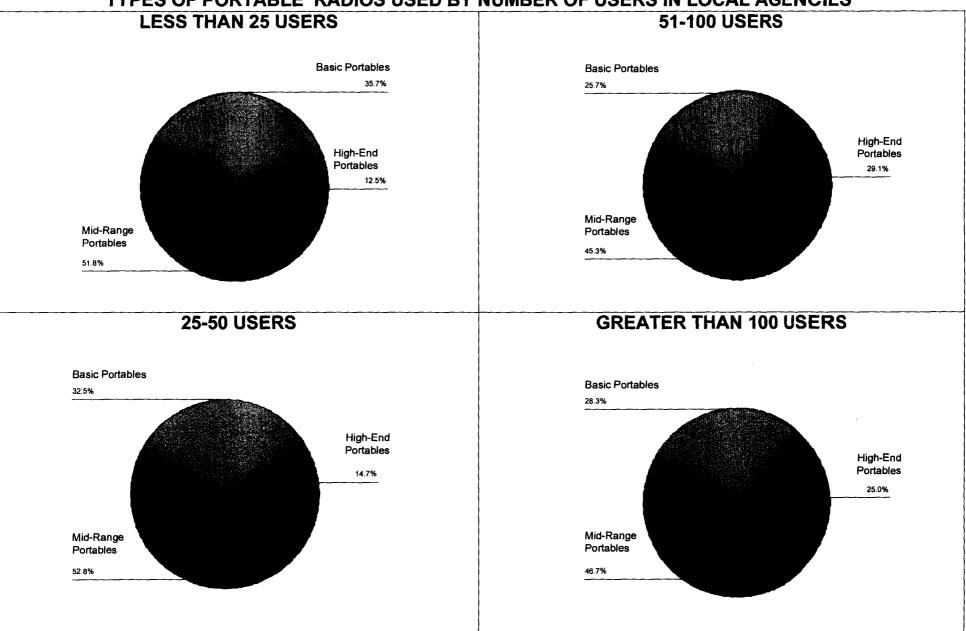
THIS SECTION PROVIDES ADDITIONAL BACKGROUND ON LOCAL AGENCIES' USER EQUIPMENT INFORMATION

- The following comparison charts and graphs are presented:
 - Types of portable radios used by local agency mission
 - Types of portable radios used by number of users in local agencies
 - Distribution of OTAR and encryption on portable radios by local agency mission
 - Types of mobile radios used by local agency mission
 - Types of mobile radios used by number of users in local agencies
 - Distribution of OTAR and encryption on mobile radios by local agency mission

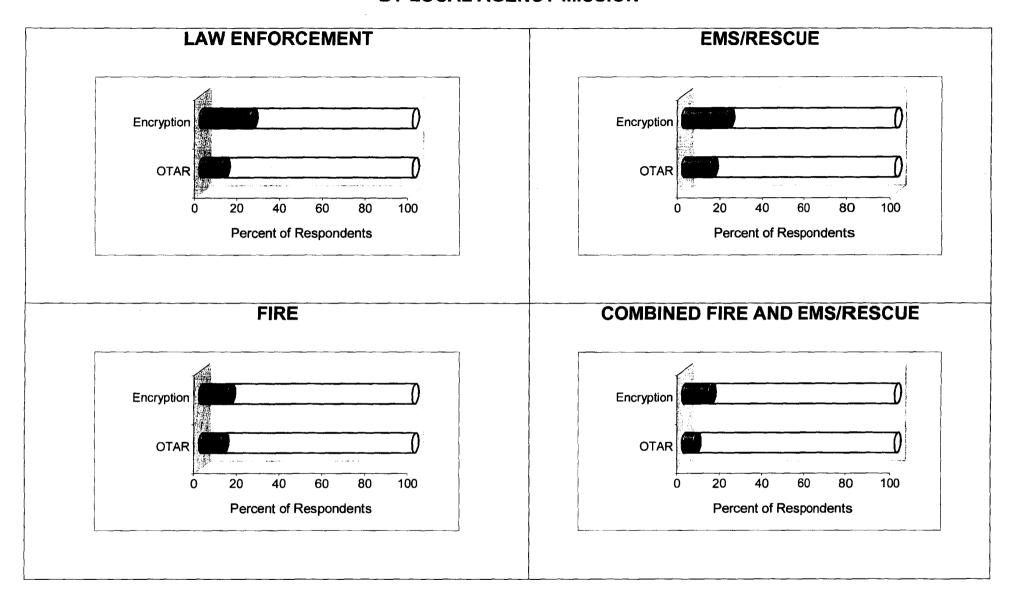
TYPES OF PORTABLE RADIOS USED BY LOCAL AGENCY MISSION



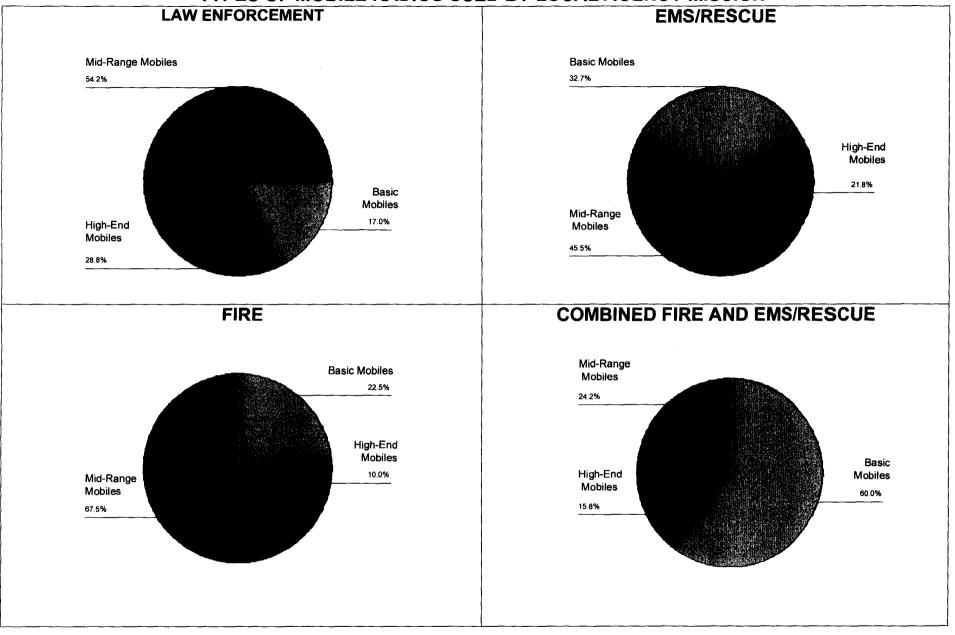
TYPES OF PORTABLE RADIOS USED BY NUMBER OF USERS IN LOCAL AGENCIES



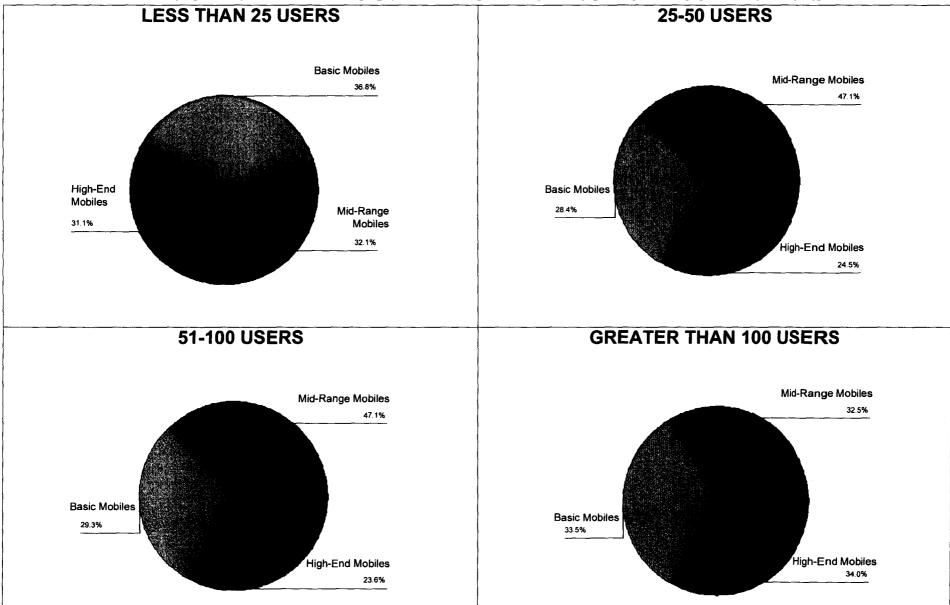
DISTRIBUTION OF OTAR AND ENCRYPTION ON PORTABLE RADIOS BY LOCAL AGENCY MISSION



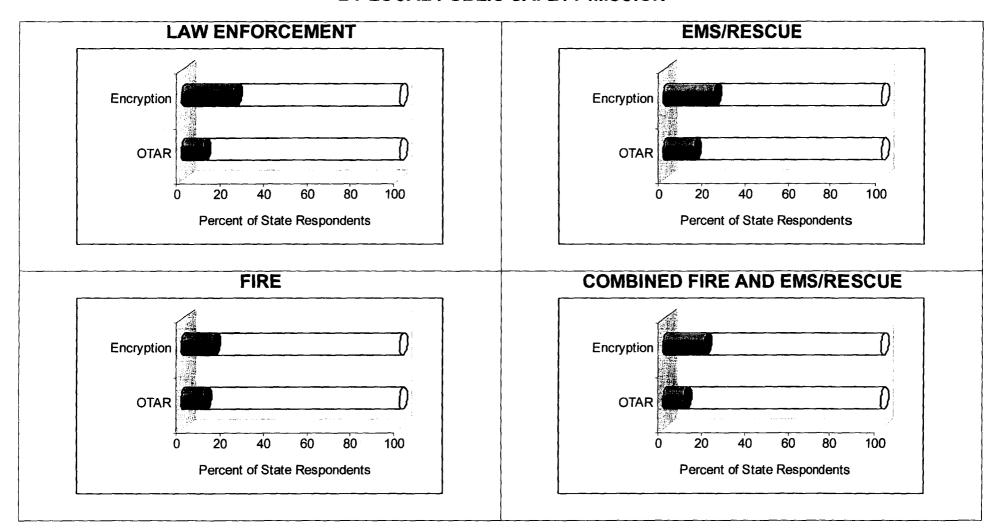
TYPES OF MOBILE RADIOS USED BY LOCAL AGENCY MISSION



TYPES OF MOBILE RADIOS USED BY NUMBER OF USERS IN LOCAL AGENCIES



DISTRIBUTION OF OTAR AND ENCRYPTION ON MOBILE RADIOS BY LOCAL PUBLIC SAFETY MISSION



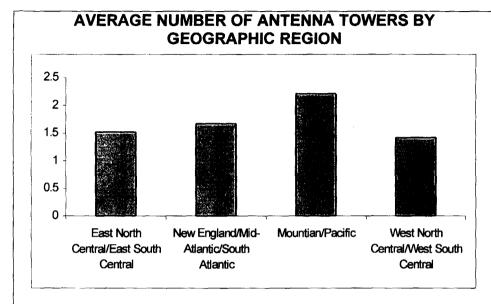
APPENDIX C: ADDITIONAL BACKGROUND ON LOCAL AGENCIES' NETWORK EQUIPMENT INFORMATION

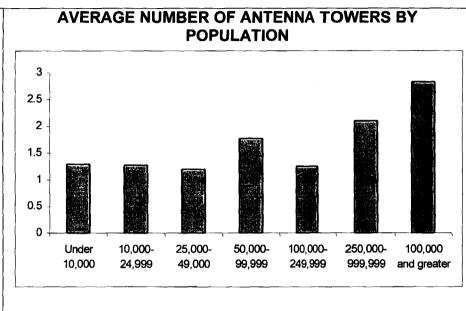
Appendix C...

THIS SECTION PROVIDES ADDITIONAL BACKGROUND ON LOCAL AGENCIES' NETWORK EQUIPMENT INFORMATION

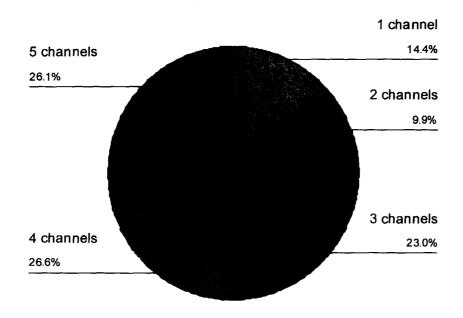
- The following comparison charts and graphs are presented:
 - Average number of antenna towers by geographic region and population in responding agencies
 - Percentages of varying number of channels used on dispatch consoles by responding local agencies
 - Types of functions supported at the console by local respondents

AVERAGE NUMBER OF ANTENNA TOWERS BY GEOGRAPHIC REGION AND POPULATION IN RESPONDING LOCAL AGENCIES





PERCENTAGES OF VARYING NUMBER OF CHANNELS USED ON DISPATCH CONSOLES BY RESPONDING LOCAL AGENCIES



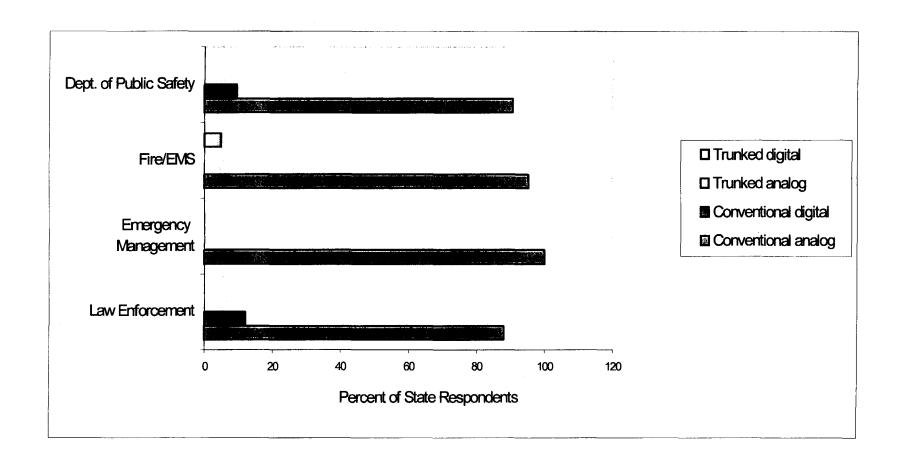
APPENDIX D: ADDITIONAL BACKGROUND ON STATE AGENCIES' GENERAL SYSTEM INFORMATION

Appendix D...

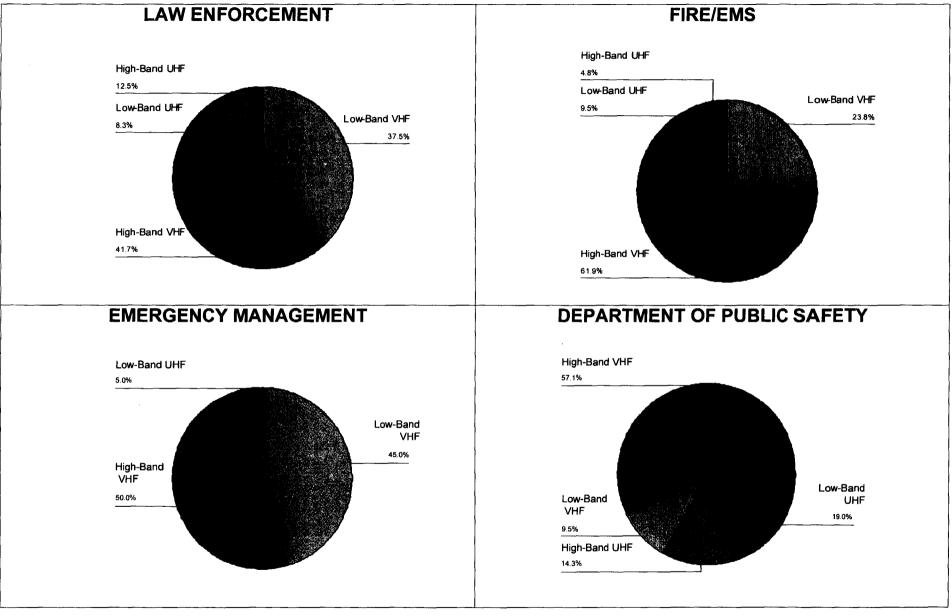
THIS SECTION PROVIDES ADDITIONAL BACKGROUND ON STATE AGENCIES' GENERAL SYSTEMS INFORMATION

- The following comparison charts and graphs are presented:
 - System type distribution for specific state agency mission
 - Operating frequency by state agency mission
 - Operating frequency by geographic region
 - Operating frequency by jurisdiction size
 - Types of communications supported by mission

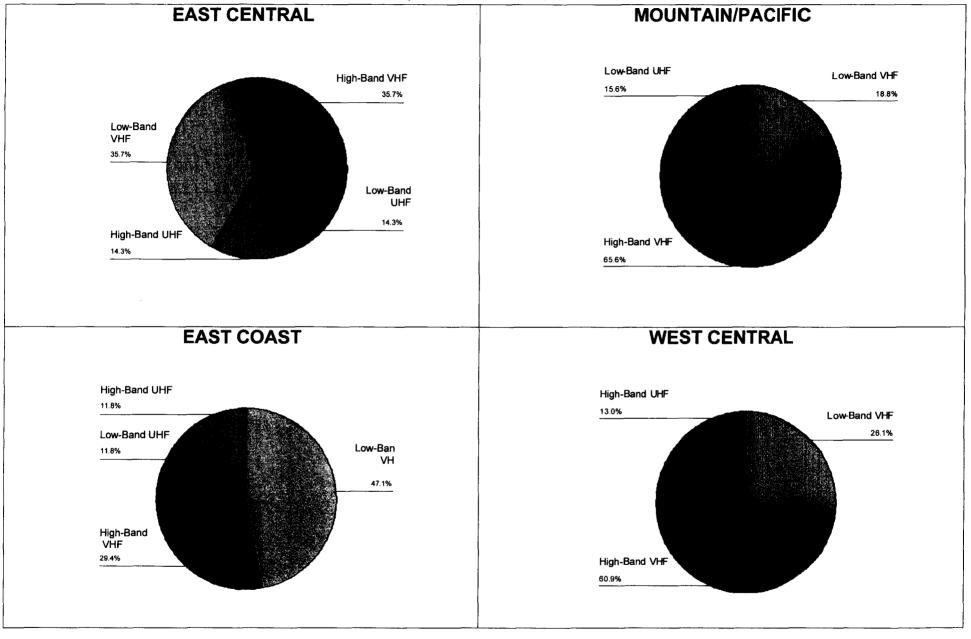
SYSTEM TYPE DISTRIBUTION FOR SPECIFIC STATE AGENCY MISSION



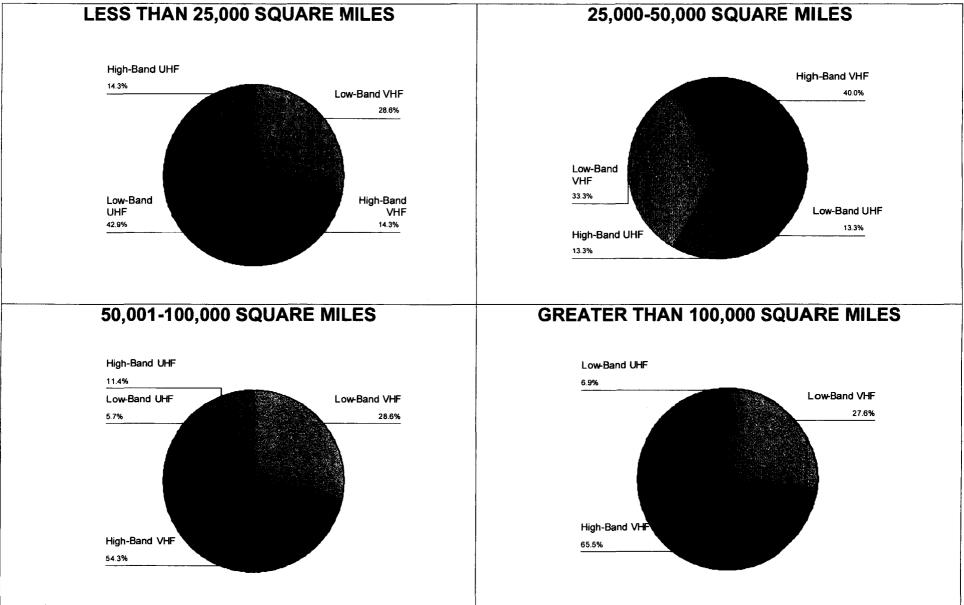
OPERATING FREQUENCY BY STATE AGENCY MISSION



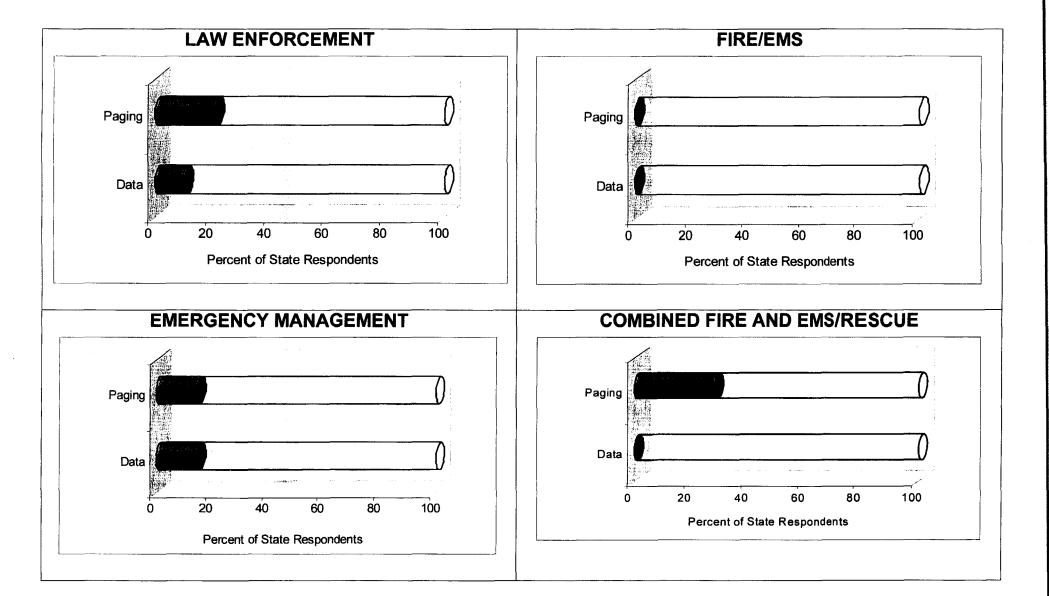
OPERATING FREQUENCY BY GEOGRAPHIC REGION



OPERATING FREQUENCY BY JURISDICTION SIZE



TYPES OF COMMUNICATIONS SUPPORTED BY MISSION



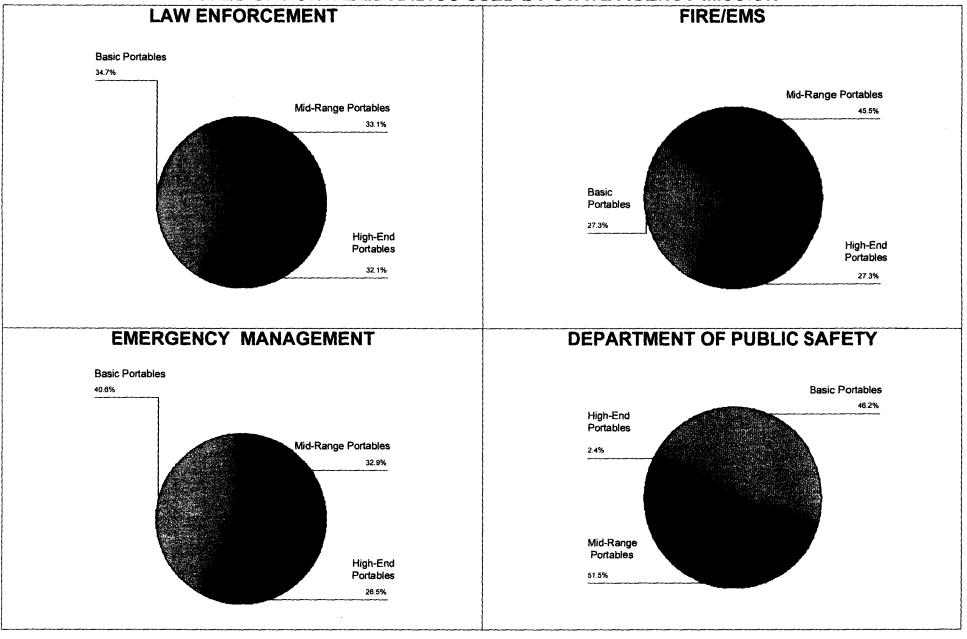
APPENDIX E: ADDITIONAL BACKGROUND ON STATE AGENCIES' USER EQUIPMENT INFORMATION

Appendix E...

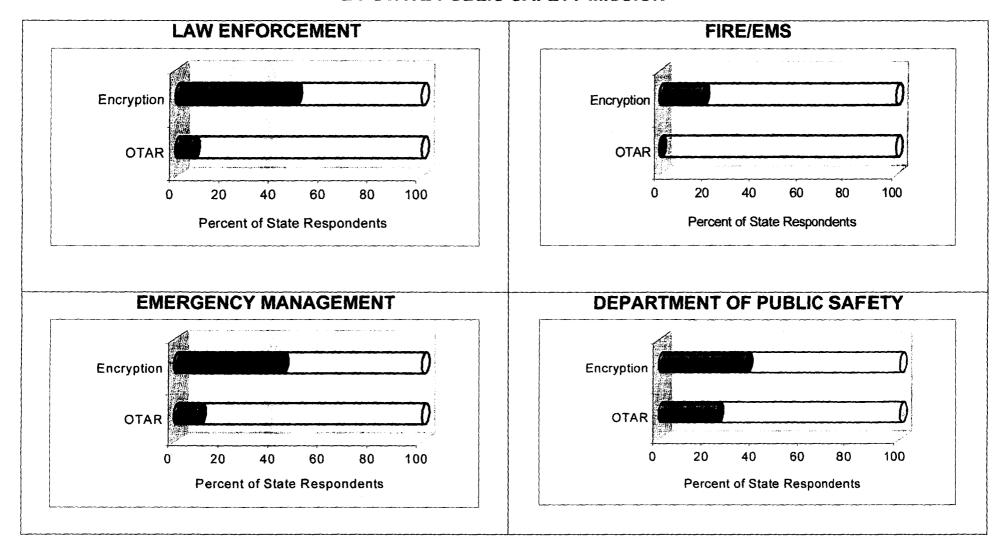
THIS SECTION PROVIDES ADDITIONAL BACKGROUND ON STATE AGENCIES' USER EQUIPMENT INFORMATION

- The following comparison charts and graphs are presented:
 - Types of portable radios used by state agency mission
 - Distribution of OTAR and encryption on portable radios by state public safety mission
 - Types of mobile radios used by state agency mission
 - Distribution of OTAR and encryption on mobile radios by safety agency mission

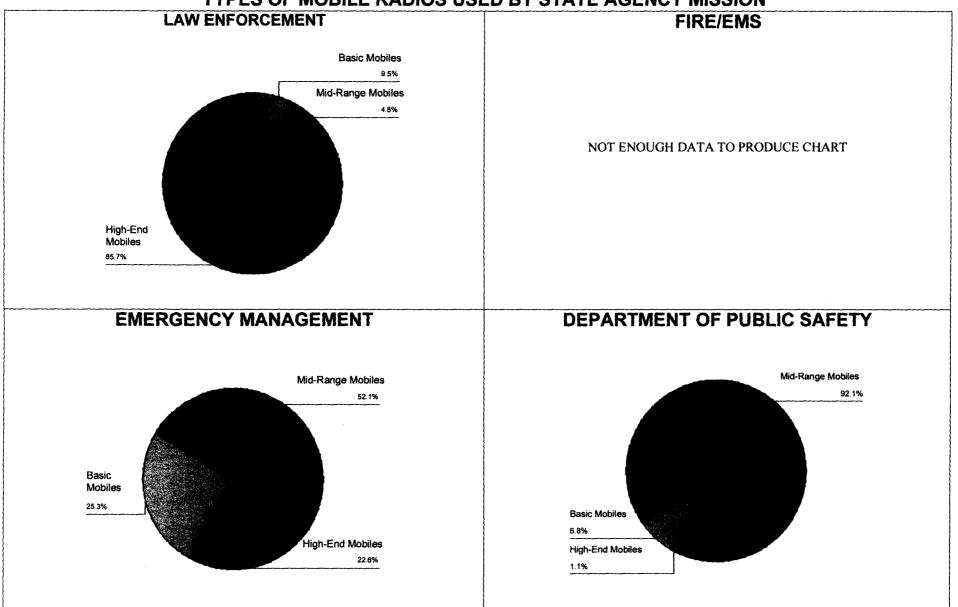
TYPES OF PORTABLE RADIOS USED BY STATE AGENCY MISSION



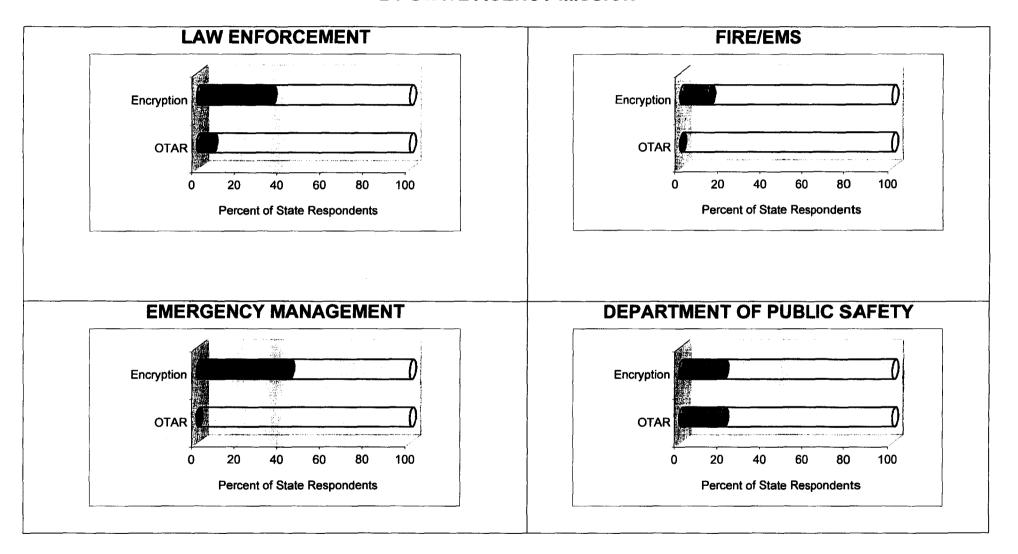
DISTRIBUTION OF OTAR AND ENCRYPTION ON PORTABLE RADIOS BY STATE PUBLIC SAFETY MISSION



TYPES OF MOBILE RADIOS USED BY STATE AGENCY MISSION



DISTRIBUTION OF OTAR AND ENCRYPTION ON MOBILE RADIOS BY STATE AGENCY MISSION



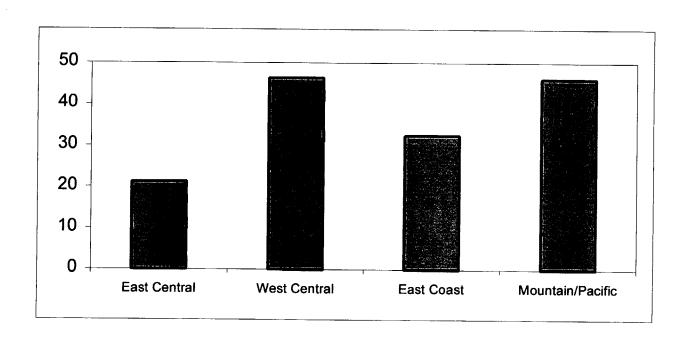
APPENDIX F: ADDITIONAL BACKGROUND ON STATE AGENCIES' NETWORK EQUIPMENT INFORMATION

Appendix F...

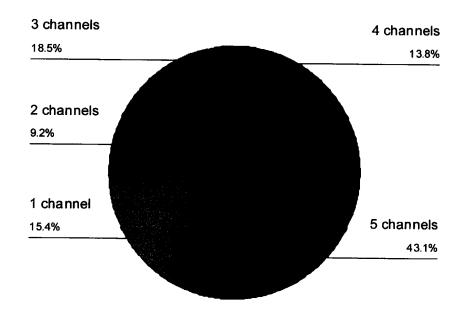
THIS SECTION PROVIDES ADDITIONAL BACKGROUND ON STATE AGENCIES' NETWORK EQUIPMENT INFORMATION

- The following comparison charts and graphs are presented:
 - Average number of antenna towers by geographic region
 - Percentages of varying number of channels used on dispatch consoles by responding state agencies
 - Types of functions supported at the console by state respondents

AVERAGE NUMBER OF ANTENNA TOWERS BY GEOGRAPHIC REGION IN RESPONDING STATE AGENCIES



PERCENTAGES OF VARYING NUMBER OF CHANNELS USED ON DISPATCH CONSOLES BY RESPONDING STATE AGENCIES



TYPES OF FUNCTIONS SUPPORTED AT THE CONSOLE BY STATE RESPONDENTS

